



1600

## RAW SEQUENCE LISTING

DATE: 10/16/2002

PATENT APPLICATION: US/09/483,837C

TIME: 15:54:18

Input Set : A:\EP.txt

Output Set: N:\CRF4\10162002\I483837C.raw

and

3 <110> APPLICANT: Sharma, Shubh

5 <120> TITLE OF INVENTION: Metallopeptide and Metalloconstruct Combinatorial Libraries

6 Applications

8 <130> FILE REFERENCE: 70025-9902-11

10 <140> CURRENT APPLICATION NUMBER: US 09/483,837C

11 <141> CURRENT FILING DATE: 2000-01-17

13 <150> PRIOR APPLICATION NUMBER: US 08/660,697

14 <151> PRIOR FILING DATE: 1996-06-06

16 <150> PRIOR APPLICATION NUMBER: US 08/476,652

17 <151> PRIOR FILING DATE: 1995-06-07

19 <150> PRIOR APPLICATION NUMBER: US 09/464,358

20 <151> PRIOR FILING DATE: 1999-12-15

22 <160> NUMBER OF SEQ ID NOS: 11

24 <170> SOFTWARE: PatentIn version 3.1

26 <210> SEQ ID NO: 1

27 <211> LENGTH: 4

28 <212> TYPE: PRT

29 <213> ORGANISM: Artificial

31 <220> FEATURE:

32 <223> OTHER INFORMATION: Combinatorial library metallopeptide member mimic of RGD

peptide

34 <220> FEATURE:

35 <221> NAME/KEY: MOD\_RES

36 <222> LOCATION: (4)..(4)

37 <223> OTHER INFORMATION: Xaa is bAla

40 <220> FEATURE:

41 <221> NAME/KEY: MISC\_FEATURE

42 <222> LOCATION: (4)..(4)

43 <223> OTHER INFORMATION: Xaa is bAla

46 <400> SEQUENCE: 1

OK 48 Arg Gly Cys Xaa

49 1

52 <210> SEQ ID NO: 2

53 <211> LENGTH: 4

54 <212> TYPE: PRT

55 <213> ORGANISM: Artificial

57 <220> FEATURE:

58 <223> OTHER INFORMATION: Combinatorial library metallopeptide member mimic of RGD

peptide

60 <220> FEATURE:

61 <221> NAME/KEY: MOD\_RES

62 <222> LOCATION: (4)..(4)

63 <223> OTHER INFORMATION: bAla

ENTERED

66 <220> FEATURE:

67 <221> NAME/KEY: MISC\_FEATURE

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68 <222> LOCATION: (4)..(4)  
 69 <223> OTHER INFORMATION: Xaa is bAla  
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 74 Gly Arg Cys Xaa  
 75 1  
 78 <210> SEQ ID NO: 3  
 79 <211> LENGTH: 4  
 80 <212> TYPE: PRT  
 81 <213> ORGANISM: Artificial  
 83 <220> FEATURE:  
 84 <223> OTHER INFORMATION: Synthesized metal binding sequence, not species derived  
 86 <400> SEQUENCE: 3  
 88 Gly Gly Gly Cys  
 89 1  
 92 <210> SEQ ID NO: 4  
 93 <211> LENGTH: 4  
 94 <212> TYPE: PRT  
 95 <213> ORGANISM: Artificial  
 97 <220> FEATURE:  
 98 <223> OTHER INFORMATION: Synthesized metal binding sequence, not species derived  
 100 <400> SEQUENCE: 4  
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 103 1  
 106 <210> SEQ ID NO: 5  
 107 <211> LENGTH: 6  
 108 <212> TYPE: PRT  
 109 <213> ORGANISM: Artificial  
 111 <220> FEATURE:  
 112 <223> OTHER INFORMATION: Combinatorial library metalloprotein member laminin peptide  
 mimic  
 114 <400> SEQUENCE: 5  
 116 Tyr Ile Gly Ser Cys Arg  
 117 1 5  
 120 <210> SEQ ID NO: 6  
 121 <211> LENGTH: 6  
 122 <212> TYPE: PRT  
 123 <213> ORGANISM: Artificial  
 125 <220> FEATURE:  
 126 <223> OTHER INFORMATION: Synthetic peptide metallothionein sequence  
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 131 1 5  
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 135 <211> LENGTH: 5  
 136 <212> TYPE: PRT  
 137 <213> ORGANISM: Artificial  
 139 <220> FEATURE:  
 140 <223> OTHER INFORMATION: Laminin sequence  
 142 <400> SEQUENCE: 7  
 144 Tyr Ile Gly Ser Arg

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Input Set : A:\EP.txt

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151 <213> ORGANISM: Artificial
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154 <223> OTHER INFORMATION: Laminin sequence
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159 1          5
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163 <211> LENGTH: 4
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Combinatorial library metallopeptide member mimic of RGD
peptide
170 <400> SEQUENCE: 9
172 Phe Gly Cys Arg
173 1
176 <210> SEQ ID NO: 10
177 <211> LENGTH: 4
178 <212> TYPE: PRT
179 <213> ORGANISM: Artificial
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182 <223> OTHER INFORMATION: Synthesized metal binding sequence, not species derived
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187 1
190 <210> SEQ ID NO: 11
191 <211> LENGTH: 4
192 <212> TYPE: PRT
193 <213> ORGANISM: Artificial
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Tuftsin sequence
198 <400> SEQUENCE: 11
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201 1

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RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 10/16/2002  
PATENT APPLICATION: US/09/483,837C      TIME: 15:54:19

Input Set : A:\EP.txt  
Output Set: N:\CRF4\10162002\I483837C.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 4  
Seq#:2; Xaa Pos. 4

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11